



Iris Pro Transmitter & Receiver

Balanced XLR and Digital In

IRIS PRO SERIES

STREAMIT.EU

IRIS PRO SERIES

Iris Pro Transmitter and Iris Pro Receiver

Revolutionizing Wireless Sound Experience

The Iris Pro series is the ultimate solution in the event industry for portable and location-based sound needs. Iris Pro is designed to ensure flawless performance where reliability is not just expected but essential. This system is designed to cater to professionals who cannot afford compromises, offering a wide range of interfaces and ensuring no dropouts for seamless audio experiences. Whether it's for an event or on-location, Iris Pro stands ready to deliver superior sound with rock-solid stability, ensuring every performance is heard as intended.

Iris Pro: Seamless Sound, Limitless Possibilities

Building on the foundation set by its unparalleled reliability and interface range, Iris Pro is flexible accepting a variety of interfaces for trouble free connectivity and operation. At an event, or on location you have enough to worry about. No more worrying about where to put cables, avoid trip hazards, climbing in ladders. And most of all no more worrying about connection quality. You do not have to worry about how congested your Wi-Fi or Bluetooth is, with a separate frequency and protocol used in Iris. Embrace the power to mix and match inputs and outputs to suit any scenario, supported by advanced monitoring for optimal sound delivery.



Iris Pro Transmitter (front)



Iris Pro Transmitter (rear)



Iris Pro Receiver (front)



Iris Pro Receiver (rear)



FEATURES

Iris Pro Transmitter & Iris Pro Receiver

- Uncongested connectivity via the 1.9 GHz band
- Extensive range outdoors as well as indoors
- Up to 10 audio networks per site, with up to 50 receivers per network
- Rock solid reliability
- Two-channel audio operation
- Audio frequency range from 20 Hz to 20 kHz
- Ultra-low latency of 16.5 ms
- Intuitive setup and device management through our dedicated apps
- Clear indication of quality of wireless connection
- Rack mountable; half 19" width, 1 unit height
- Range extension

Iris Pro Transmitter

- Mains powered
- Digital input for switching of external equipment
- Analog audio input
- Digital audio input (Toslink, USB-C)

Iris Pro Receiver

- Compatible with Iris (Pro) Transmitter
- Digital output for switching of external equipment

VISUAL INDICATORS

Iris Pro Transmitter & Iris Pro Receiver

- Status of DECT connection
- Audio level
- Signal present, nominal and clip/max level indication

Iris Pro Transmitter

- Digital audio input detected and locked
- Digital audio sample rate indication
- Status of mobile app connection

Iris Pro Receiver

- Battery status

GET IN TOUCH

See more on our website: <https://www.streamit.eu/iris-pro/>

Get in touch with us if you have any questions about our products.

We are happy to help.

VIDEO



TECHNICAL INFORMATION

Wireless

Wireless technology	DECT 1.9 GHz
Reception range	50m indoors to 300m outdoors
Latency	16.5ms
Synchronicity between receivers	0.15ms
Range extension	yes
Internal antenna	yes
External antenna	yes

Analog audio

Frequency range	20 Hz to 20 kHz
Input channels	2 (balanced)
Output channels	2
Input level	+4/+18dBu
Output level	2dBu (max)
Signal to noise ratio (SNR)	> 90 dB
THD+N (@ 1 kHz)	<0,01%

Digital audio input

Frequency range	20 Hz to 20 kHz
Input channels	2
Codec support	PCM
THD+N (@ 1 kHz)	<0,01%
Signal / noise	> 90 dB
Input resolutions	16-24 bit
Sample rates	44.1, 48, 88.2, 96kHz

Electrical

Power supply	5VDC adapter, 1A
Operating voltage	100~240VAC/50~60Hz
Power consumption (AC)	
Power consumption (DC)	5VDC, 125mA 5VDC, 100mA
Peak current (DC)	500mA
Batteries	4xAlkaline AA (option)

Digital input

Logical low	<= 0.8V
Logical high	>=2.5V
Internal pull-up resistance	10 kΩ
Maximum input voltage	3.3V

Digital output

Maximum switching voltage	42V
Maximum output current	1.4A

Environmental and safety

Operating temperature	-20 °C to 50 °C
Humidity	30% to 90% RH, non-condensing
Regulatory compliance	CE, WEEE
Radio Equipment Directive (RED)	2014/53/EU
RoHS	2011/65/EU & (EU) 2015/863

Mechanical

SMA antenna connector	female
Audio input connector	RCA, XLR, terminal block
Audio output connector	RCA, XLR, terminal block
Digital audio input connector	Toslink
Power/service connector	USB-C
Relay control input	female
Relay control output	terminal block terminal block *1)
LEDs	terminal block *1)
Dimensions (LxDxH)	8 220x125x48 mm
Weight	790 gr

*1) Not supported by software

Ordering information

Product name	Iris Pro Transmitter	Iris Pro Receiver	Iris Pro Starterkit
Article number	PTX-1	PRX-1	PSX-1

Packaging contents

USB-C 5V/1A power supply	1	1	2
USB-A to USB-C cable 2m	1	1	2
EU/UK/USA mains plug	1	1	2
Iris Pro Transmitter PTX-1	1		1
Iris Pro Receiver PRX-1		1	1
External antenna	1	1	2
Quick start guide	1	1	1
Dimensions packaging	240x165x73 mm	240x165x73 mm	240x165x146 mm
Gross weight	1130 gr	1130 gr	2260 gr

Ordering information

Product name	Streamit Rackmount kit
Article number	RMK-1

Packaging contents

Streamit Rack mount kit RMK-1	1
Dimensions packaging	270x100x55 mm
Gross weight	450 gr